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**Subject:** Hurricane Harvey ESF-10 Situation Report for 7-25-2017  
**Date:** Monday, September 25, 2017 8:53:14 PM  
**Attachments:** [Hurricane Harvey ESF-10 Texas Situation Report #27 for 09-25-17.pdf](#)

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ALCON:

Attached is the SITREP for 7-25-17.

Enjoy,

LT Brian Churchill



## **Hurricane Harvey-Texas**

### **ESF-10**

### **Situation Report #27**

**Subject:** SITREP #27  
**To:** Agency Leads  
**Thru:** CWO Peter Gollnick  
**From:** Unified Command  
**Date:** 9/25/2017  
**Reporting Period:** 9/25/2017

#### **INTRODUCTION**

##### **Background**

Hurricane Harvey made landfall at 2300 ET, August 25<sup>th</sup>, as a Category 4 storm near Rockport, Texas. Harvey stalled over southeastern TX. Due to its slow motion and a prolonged period of onshore flow, the impacted areas received more than 50 inches of precipitation that produced catastrophic flooding.

An ESF-10 Mission Assignment was signed on August 28, 2017. The US Environmental Protection Agency (EPA), Texas Commission on Environmental Quality (TCEQ), the Texas General Land Office (TGLO) and the U.S. Coast Guard (USCG) have entered into a Unified Command to begin the evaluation, clean-up, and recovery of spills, releases, vessels and orphan containers.

#### **CURRENT ACTIVITIES**

##### **Operations Section**

On September 25, 2017, Unified Command continued operations in accordance with the Natural Disaster Operational Workgroup (NDOW) Standard Operating Procedures, NDOW forms and Response Manager. The Unified Command is leading three operational branches: Alpha Branch in Corpus Christi, Bravo Branch in Houston, and Charlie Branch in Port Arthur. Vessel Removal Group continued working throughout Alpha and Charlie Branches. Bravo Vessel Removal Group was on standby. Staging Area Group continued working in Bravo. Oil Discharge Recovery operations continued in Charlie Branch.



Dive Operations in Alpha Branch; Fulton Harbor Marina

### Mission Assignment:

The USCG and EPA have been issued new Mission Assignments.

Table 1: Mission Assignments as of 9/23/17			
Funding Sources	Description	Funding Ceiling	End Date
MA 4332DR-TX-USCG-08  D17BA2	As directed by and in coordination with FEMA, US Coast Guard (USCG) will provide oil and hazardous material field response in support of response operations. Field Response activities may include but not limited to the following: placement of vessels removed of pollutants to predetermined staging area; provide specialized expertise, conducting damage assessments of oil/hazmat waste impact via air and/or water; contactor oversight; evaluating hazards; and/or response, removal, or disposal of: actual and potential oil discharges, and releases of hazardous materials, pollutants and contaminants, and remove pollutants from vessels in or upon navigable waters and adjoining shoreline. USCG will deploy resources for the State of Texas. USCG is responsible for providing personnel, equipment and logistical support as necessary to accomplish the mission.	\$40,000,000	12/22/2017

MA 4332DR-TX-EPA-04	As requested by the State of Texas, and in coordination with FEMA, ESF-10 personnel will conduct field operations, to include, but not limited to: identify and assess impacts to drinking water and wastewater critical infrastructure; assist in the implementation of Response Manager tracking system; emergency response to oil and hazardous materials discharge/releases; and augmenting personnel for response operations.	3,301,270	10/12/2017
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Table 2: Field Teams on 9/25/2017 – per IAP #23				
Teams	Alpha	Bravo	Charlie	Total
Hazard Evaluation	0	0	0	0
Hazard Evaluation Debris	0	0	0	0
Oil Discharge Assessment	0	0	0	0
ER/Orphan Container Recovery	0	0	0	0
Staging Areas	0	1	0	1
Air Operations	0	0	0	0
Air Monitoring	0	0	0	0
Vessel Removal	4	4	2	10
Totals	4	5	2	11

Table 3: Daily/Cumulative Summary of Hazard Evaluations/Recovery				
Status	Opened		Closed	
	9/25/2017	Number of Targets Remaining Open	9/25/2017	Cumulative
Alpha Branch	0	0	0	106
Bravo Branch	0	0	0	402
Charlie Branch	0	0	0	135
NRC Reports	0	0	0	5
Totals	0	0	0	648

**Note-** Open means the target is yet to be recovered. Closed means the target was recovered/left in place or access was denied to collect the item.

Table 4: Waste Received at All Staging Pads to Date						
Date	CONTAINERS				TOTALS	
	Drums [55gal]	Small Containers [< 55gal]	Large Containers [> 55gal]	Cylinders	Total Items Collected Today	Total Items Collected Project to Date
9/25/2017	0	0	0	0	0	987
	427	397	43	120		

Table 5: Items/Materials Processed for Disposal						
Date	Drums [55gal]	Small Containers [< 55gal]	Large Containers [> 55gal]	Cylinders	Solid Waste/Roll Off Box	Total Scrap Metal Recycled (lbs)
Total Present at all Staging Pads (9/25/17)	427	397	43	120	4	5000
Processed for Disposal						
9/21/2017	0	0	3	0	1	
9/22/2017	54	33	0	0	1	
9/23/2017	10	113	3	19	0	
9/24/2017	42	5	3	0	0	
9/25/2017	25	5	1	0	0	
Remaining to be Processed for Disposal	123	0	14	49	1	
Percent Remaining	29%	0%	33%	41%	25%	

<b>Table 6: Daily/Cumulative Summary of Spills/Discharges (NON-VESSELS)</b>				
<b>Status</b>	<b>Opened</b>		<b>Closed</b>	
	<b>9/25/2017</b>	<b>Number of Facilities/Spills Remaining Open</b>	<b>9/25/2017</b>	<b>Cumulative</b>
Alpha Branch	0	0	0	33
Bravo Branch	0	0	0	77
Charlie Branch	0	1	1	26
NRC Reports	0	0	0	129
<b>Totals</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>265</b>

**Note-** Open means the target is yet to be recovered/cleaned up. Closed means the target was recovered/cleaned up by an RP or not found upon return to location.

<b>Table 7: Daily/Cumulative Summary of VESSELS UPDATED</b>				
<b>Status</b>	<b>Opened</b>		<b>Closed</b>	
	<b>9/25/2017</b>	<b>Number of Vessels Remaining Open</b>	<b>9/25/2017</b>	<b>Cumulative</b>
Alpha Branch	1	123	17	362
Bravo Branch	1	31	0	47
Charlie Branch	0	36	0	29
NRC Reports	0	0	0	14
<b>Totals</b>	<b>2</b>	<b>205</b>	<b>4</b>	<b>452</b>

**Note-** Open means the target is yet to be recovered. Closed means the target was recovered/cleaned up by an RP or not found upon return to location.

## **OTHER NOTABLE ACTIVITIES**

### **ALPHA**

The Vessel Removal Group conducted site assessments to verify the status of targets in Ingleside Marina, Aransas Pass Marina, Fulton Harbor Marina, Rockport Marina, JFK Marina, Island Moorings, and Holiday Beach. A total of four vessel targets were closed in Alpha Branch; one in Rockport Marina and three in Island Moorings by the Vessel Removal Group. TGLO identified 13 additional targets that were duplicates, and marked them as closed.

USCG and TGLO members placed placards on 13 vessels in Ingleside Cove.

While conducting assessments in Conn Brown Harbor a Vessel Removal Team discovered a diesel discharge within the containment boom on around F/V R &R, a submerged shrimp boat in Conn Brown Harbor. Contractor Global deployed 180 feet of sorbent boom and collected approximately 150 gallons of diesel. Divers were able to locate and secure the source. Additional sorbent boom was placed, to capture and residual product. Global will tend boom tomorrow morning.

Vessel Removal Group monitored Global dive operations in Fulton Harbor Marina. Divers completed surveys of recreational boat LA LUNA, and 3 additional unnamed vessels.

## **BRAVO**

At the staging area, EPA Contractor Emergency Rapid Response Services (ERRS), continued to crush and/or cut up empty containers. A roll-off of containers is scheduled out tomorrow. Bulking of small containers is continuing. Compatibility testing of similar waste streams for additional bulking and waste stream minimization is being conducted.

The Vessel Removal Group worked with contractors to finalize safety plans. The teams also visited the new staging area located at Mainland Concrete facility, alongside the Dickenson Bayou.

## **CHARLIE**

### **LD Construction Co. Oil Spill – Lumberton, TX:**

EPA Teams from the Beaumont Branch continued monitoring the LD Construction Co. Oil Spill in Lumberton, Texas. Operations included removal of oil contaminated soil and vegetation and decontamination of personal property (boats, trailers, ATVs, etc). Further assessments to the east identified four additional properties with oil contamination. One additional impacted property near LD Construction has not yet authorized access to the responsible party. This brings the total of impacted properties to 10. Personnel from the adjacent Big Thicket National Preserve will conduct an assessment tomorrow to determine if incident related oil migrated on to preserve lands.

### **Vessel Removal Group Operations:**

Vessel Removal Group visited the Beaumont Yacht Club. The Yacht club is still making progress on vessel recovery of 29 vessels being paid through private insurance. The team also reassessed the sailboat at CB&I Metal Fabrication company in Beaumont, and reported no changes.

Vessel Removal Group met with the owner of the MOON SHADOW, to discuss the possibility of an RP lead removal. USCG and TGLO are still discussing the way ahead for this vessel.

### **Port Arthur RV Resort Oil Spill – Port Arthur, TX:**

Site cleanup operations were completed on September 24, 2017.

### **Public Information/liaison**

TGLO Public Affairs Officer approved Public Information Plan for vessel removal and has arranged to be interviewed by local radio station KURV about the upcoming operation. PIOs Attended Aransas Community Leaders meeting with Liaison Officers.

Liaison Officers provided port status update released by COTP Corpus Christi to Aransas Community Leaders. Conducted public outreach alongside PIOs with Mayor Charles Bujan of Port Aransas, provided information regarding ESF-10 operations.

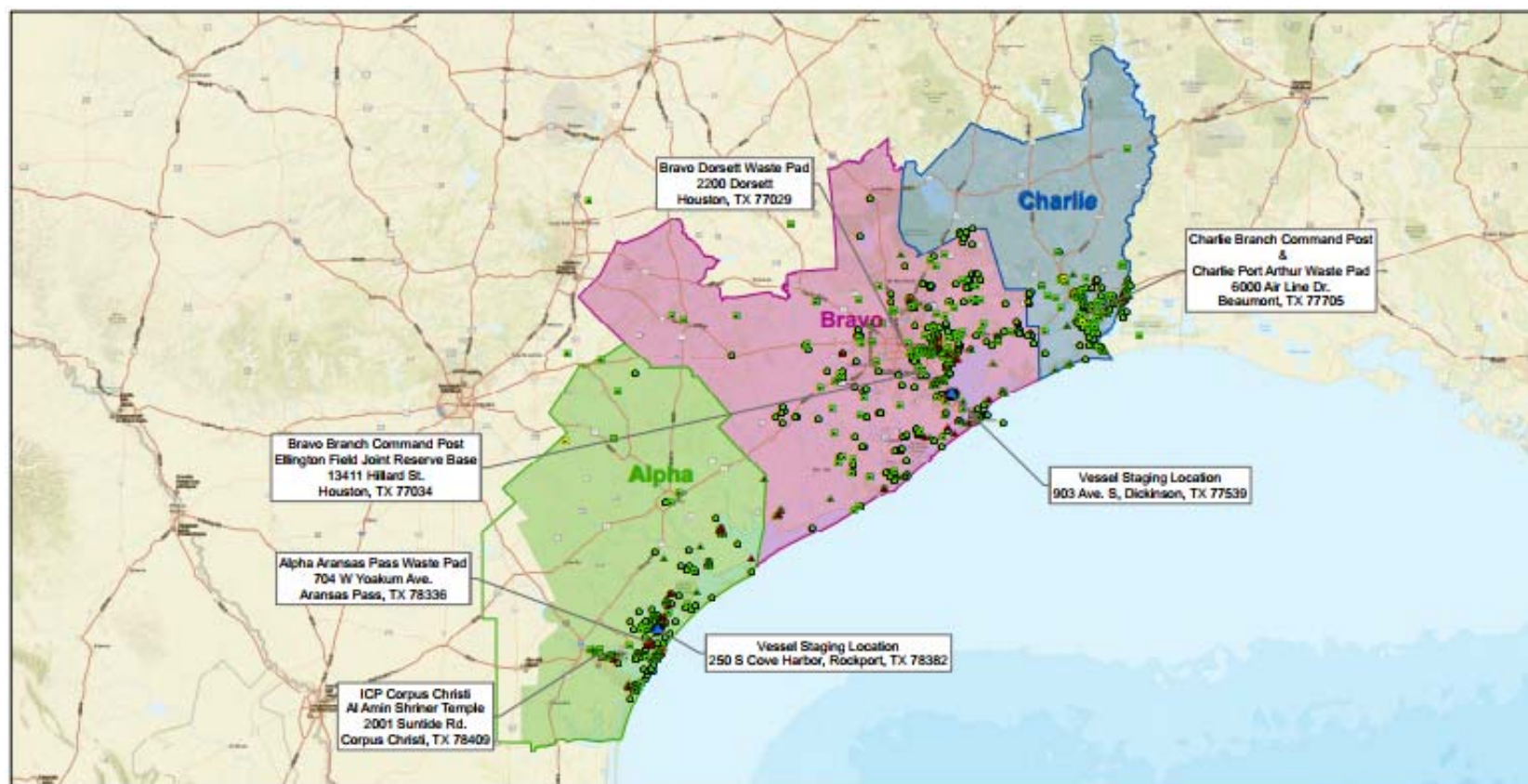
### **Participating Agencies as of 09/25/2017**

- Texas Commission on Environmental Quality (TCEQ)
- Texas General Land Office (TGLO)
- US Environmental Protection Agency (USEPA)
- US Coast Guard (USCG)

### **Personnel On Site as of 09/25/2017**

<b>Agency</b>	<b>ICP</b>	<b>Alpha Branch</b>	<b>Bravo Branch</b>	<b>Charlie Branch</b>	<b>Totals</b>
USEPA	14	6	5	0	25
USCG	29	27	21	9	86
TCEQ	1	1	12	0	14
TGLO	5	3	0	3	11
EPA Contractors	5	10	9	0	24
<b>Totals</b>	<b>54</b>	<b>47</b>	<b>47</b>	<b>12</b>	<b>160</b>





<b>Legend</b> Federally Declared Counties: <span style="color: green;">■</span> in Alpha <span style="color: magenta;">■</span> in Bravo <span style="color: blue;">■</span> in Charlie <span style="color: black;">●</span> Incident Command Post (ICP) / Staging Area <span style="color: blue;">●</span> Vessel Staging Location		<b>USA EPA REGION 6</b> <b>SITREP Map</b> <b>Alpha, Bravo, Charlie</b> Hurricane Harvey Response September 25, 2017		 For Official Use Only	 EPA GIS Printed: 6:21:05 PM 9/25/2017
<b>Facility/Spill Assessment</b> <span style="color: red;">■</span> Open <span style="color: yellow;">■</span> Open - Cleanup in Progress <span style="color: green;">■</span> Closed	<b>Haz/Eval Items</b> <span style="color: red;">●</span> Open <span style="color: yellow;">●</span> Open <span style="color: green;">●</span> Closed	Access Denied/ Leave in Place/ Refer to Other Agency	<b>Vessels</b> <span style="color: red;">▲</span> Open <span style="color: yellow;">▲</span> Open - Cleanup in Progress <span style="color: green;">▲</span> Closed		